

Conveyance Program Plan Year 7

Programs

- South Delta Improvements Program
- Interties: DMC/California Aqueduct; CCFB/Tracy
- CCFB Screens/10,300 cfs
(So. Delta fish & hydrodynamic study; Reducing CCFB predation)
- Tracy Fish Test Facility
(Research & physical improvements at Tracy Pumping Plant, CHTR)
- DCC Re-op Study, TDF Evaluation, Franks Tract
- North Delta Flood/Eco Improvements Study
- Lower San Joaquin River Floodway Improvements

Conveyance Actions in the Delta

SWP/CVP DMC/CA Intertie and Lower San Joaquin River Flood Improvements (not shown)

Sacramento River

Through-Delta Facility

Re-operation of Delta Cross Channel

North Delta Flood Improvements

San Joaquin River

Fish Screens at CCF

Clifton Court Forebay

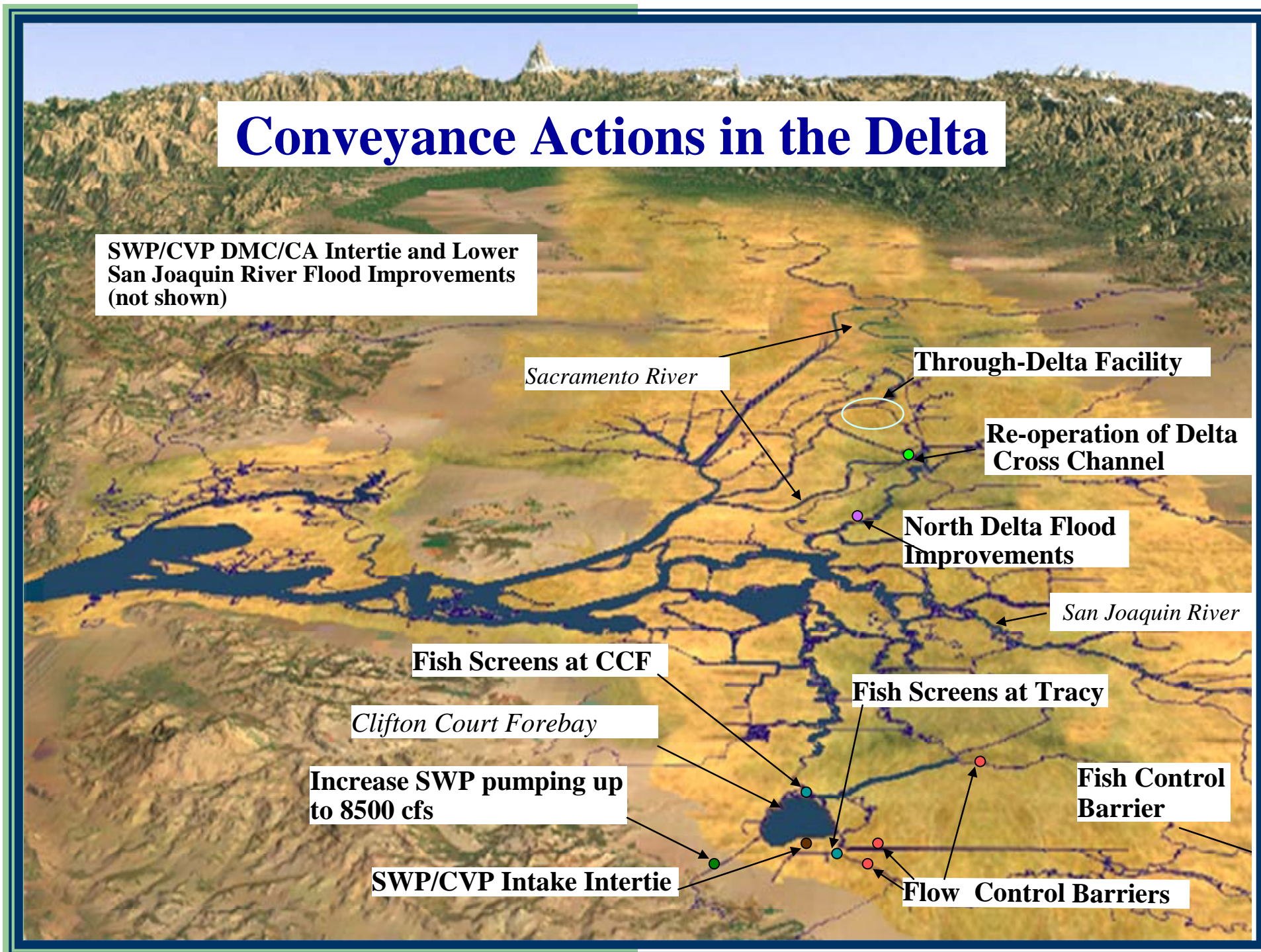
Increase SWP pumping up to 8500 cfs

SWP/CVP Intake Intertie

Fish Screens at Tracy

Fish Control Barrier

Flow Control Barriers



Conveyance Program Plan Year 7

Priorities

- **SDIP Stage 1:**
Finalize EIS/EIR; issue NOD & ROD; receive all permits; begin construction of permanent, operable gates.
- **Collection, Handling, Transport and Release (CHTR) Study:**
Study designed to identify ways to improve conditions for the salvage of Delta smelt. Complete studies on Delta smelt predation, acute mortality and injury, and stress.
- **DCC Re-op Study, TDF Evaluation, Franks Tract:** Approve regional study of fish, flow, and water quality; conduct 2-D model studies; complete summary report designed to inform through-Delta decision.

Conveyance Program Plan -- Year 7+

South Delta Improvement Program – 8,500 cfs and Permanent Operable Gates

- Stage 1 EIS/EIR finalized (Aug 2006)
- DWR certifies Stage 1 EIR, adopts project, files NOD (Aug 2006)
- Public review of FEIS ends (Sept 2006)
- ESA biological opinions and CESA determinations (Sept-Oct 2006)
- USBR issues ROD (Sept-Oct 2006)
- Advertise for construction/supply contract (Oct-Dec 2006)
- Gate construction phase (Dec 2006 - June 2009)
- Begin Stage 2 environmental evaluation (TBD)
- Complete Stage 2 environmental evaluation and permitting (Dec 2009)

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DMC/CA Intertie

- CEQA completed in 05-06
- Complete Final EIS (NEPA) (Mar 2007)
- Issue Record of Decision (April 2007)
- Re-solicit construction contract (May 2007)
- Initiate construction (Sept 2007)
- Complete Intertie construction (Fall 2008)

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CCFB Screening/10,300 cfs

- Continue South Delta Hydrodynamics, Quality, Fish study → Two peer-reviewed articles on fish salvage and entrainment (Jun 2007)
- Develop workplan and begin studies to reduce predation in CCFB, per directive of South Delta Fish Facilities Forum. This work is referred to as “South Delta Fish Facilities Improvements” in the Delta Improvements Package. (FY 06-07)

Conveyance Program Plan -- Year 7+

Tracy Fish Test Facility

- CHTR Study: 3 reports completed (Jun 2007) and elements 2 and 3 under the New Technologies component continue through year
- Continue research to improve screening efficiency and assess hydraulic performance, predation control, debris management (Dec 2007)
- IF funding becomes available:
 - Complete design of primary and secondary louvers and cleaning systems (FFY 07 or 08)
 - Construct louvers and cleaning systems (FFY 09)
 - Fill in abandoned intake channel
 - Implement operational guidelines and pay DFG for loss of fish at Tracy pumping plant and fish collection facility

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Through-Delta Conveyance Evaluation: DCC Re-op Study, TDF Evaluation, and Franks Tract Project

- Reconnaissance and construction pre-feasibility study for TDF (Jul 2006 - Jun 2007)
- 2-D modeling, other analysis of TDF, DCC Re-op, Franks Tract (Jan 2006 –Jun 2008)
- Regional Field Study (flow, water quality, salmon)
 - Flow/water quality monitoring stations operational (Jun 2006)
 - Approve proposed fish study (May 2007)
 - Conduct fish monitoring study (Oct 2007 – Jan 2008)
 - Fish and water quality data analyses completed (Mar 2008)
 - Recommendations reports: DCC Re-Op (Aug 2008); TDF (Nov 2008)

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Through-Delta Conveyance Evaluation: DCC Re-op Study, TDF Evaluation, and Franks Tract Project

- Status Report of key findings (Oct 2007)
- Final Recommendations for DCC and TDF (Aug and Nov 2008)
- Franks Tract (CALFED Water Quality Program):
 - Flow and salinity data analysis (2005-2009)
 - Incorporate 2-D modeling, other analyses, Regional Field Study information (2007)
 - Collect baseline data (2007-2008)
 - CEQA/NEPA process (2007 – 2009)
 - Final design of pilot project (2009)

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Floodway Improvements Programs: North Delta Flood Control and Ecosystem Restoration Improvements Program

- Administrative Draft EIR (May 2006)
- Public Draft EIR (Oct 2006)
- Public Draft EIR will not be released unless funding is found
- IF funding is found,
 - select preferred alternative and identify long-term owner (Dec 2006)
 - Issue Final EIS (Mar 2007)

Conveyance Program Plan -- Year 7+

Floodway Improvements Programs: Lower San Joaquin Flood Improvements

- Complete program management plan and feasibility cost share agreement (FY2007)
- Conduct consensus meetings and development of project plan (FY2007-2008)
- Conduct San Joaquin River Flood Control Study with South Delta Water Agency (FY2008-2009)

Conveyance Program Plan Year 7

Conveyance	Plan Year 7 (\$Millions)
State ¹	\$36.4
Federal ²	\$6.9
Water User ³	\$41.7
Available Funding Total ⁴	\$85.0
Projected Needs Estimate) ⁵	\$93.4
Original ROD Estimate (Aug, 2000) ⁶	\$48.0
¹ SDIP-\$26mil; CCFS 10300cfs-\$0.5mil; TFTF \$2.2 mil; DCC Re-Op and Through Delta Facility, Franks Tract-\$7.7mil	
² TFTF-\$1.9mil; DMC/CA Intertie-\$5mil	
³ SDIP-\$9mil SWP; Lower San Joaquin-\$0.15mil SDWA; DMC/CA Intertie-\$25mil (SWP); Temp Barriers-\$6.6mil SWP	
⁴ SDIP-\$35mil; CCFS 10300cfs-\$0.5mil; DCC Re-Op and Through Facility-\$0.2mil; TFTF-\$4.1mil; DMC/CA Intertie \$30mil; Lower San Joaquin \$0.15mil (SDWA); Temporary Barriers-\$6.6mil (SWP)	
⁵ TFTF-\$6.7mil; DMC/CA Intertie-\$1mil; Lower San Joaquin-\$0.15mil (USACE); ND FC/ERIP-\$0.5mil - (combine with \$85.0mil in available funding = \$93.4mil)	
⁶ Original ROD Estimates represents the original Stage 1 funding estimates from the Record of Decision (Aug 2000).	

Conveyance Program Plan Year 7

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